

IN THE SPECIFICATION

Title:

Please amend the title to read, “Vertically-oriented satellite antenna “

Section headings:

Please insert the following section headings at the identified locations:

Prior to the first sentence of the specification, please insert:

CROSS-REFERENCE TO RELATED APPLICATION

This application is a National Stage filing under 35 USC §371 of PCT/NO02/00092, filed 03/06/2002.

Please amend the specification beginning at page 1, line 1 et seq follows:

~~Antenna~~

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

The present invention relates to satellite antennas, more specifically a satellite antenna capable of substantially vertical orientation.

DESCRIPTION OF RELATED ART

~~Prior antenna technologies~~

There is a plethora of inventions related to microstrip lines generally and specially microstrip (also often called patch) antenna. Recent inventions relate to additional modules external to the patch antenna itself.

Please insert the following section heading at page 2, line 14 as follows:

BRIEF SUMMARY OF THE INVENTION

The antenna according to the invention is specially adapted for vertical or almost vertical positioning. This is achieved by providing conductive paths between receiving elements comprising straight segments extending in a first direction, straight segments extending in a second direction perpendicular to the first direction, straight segments extending along a third direction inclined or at an angle with

respect to the first and the second directions (also called slanted segments) and bent segments or compensation leads (these segments comprise two or more polygonal sections and/or one or more curvilinear sections). This combination of signal transmission paths leads to considerable improvement in the level of received signal and makes it possible to receive satellite signals in a wide range of inclination angles with the antenna positioned vertically.

Please insert the following section heading at page 5, line 19 as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

The invention will now be explained by means of an embodiment, which is illustrated in the drawings. The example is not intended to be considered limiting and other combinations of elements will naturally lie within the scope of the invention. The drawings are as follows:

Please insert the following section heading at page 6, line 7 as follows:

DETAILED DESCRIPTION OF INVENTION

Figure 1 illustrates the relative positioning of an antenna A according to the invention in relation to an incoming wave from a satellite S. The antenna A according to the invention permits vertical or almost vertical positioning (5 degrees plus from the vertical direction will still give a satisfactory signal), and the inclination angle φ will be less than 90 degrees. An antenna A' according to the prior art will be situated at 90 degrees to the incoming wave.